

Title (en)

APPARATUS AND METHOD FOR PROCESSING TRAFFIC OF SERVICE IN WIRELESS COMMUNICATION SYSTEM

Title (de)

GERÄT UND VERFAHREN ZUR VERARBEITUNG VON DIENSTVERKEHR IN EINEM DRAHTLOSEN KOMMUNIKATIONSSYSTEM

Title (fr)

APPAREIL ET PROCÉDÉ DE TRAITEMENT DE TRAFIC DANS UN SYSTÈME DE COMMUNICATION SANS FIL

Publication

EP 4018778 A4 20220914 (EN)

Application

EP 20858912 A 20200825

Priority

- KR 20190104688 A 20190826
- KR 2020011294 W 20200825

Abstract (en)

[origin: US2021068172A1] Disclosed is a 5G or a pre-5G communication system provided to support a higher data transmission rate than that of post-4G communication systems such as LTE. A method of operating a network node in a wireless communication system includes: receiving, from at least one user plane function (UPF) instance, a registration request message including UPF profile information of the at least one UPF instance; storing the UPF profile information including UPF service support information for at least one UPF service supported by the at least one UPF instance; receiving, from a session management function (SMF) node, a UPF discovery request message including UPF service information; discovering one or more UPF instance based on the UPF profile information and the UPF service information; and transmitting, to the SMF node, UPF instance information for the one or more UPF instance.

IPC 8 full level

H04W 88/18 (2009.01); **H04W 76/10** (2018.01); **H04W 80/10** (2009.01); **H04W 92/24** (2009.01)

CPC (source: EP KR US)

H04W 24/02 (2013.01 - EP); **H04W 76/10** (2018.01 - KR US); **H04W 76/12** (2018.01 - EP); **H04W 80/10** (2013.01 - KR); **H04W 88/18** (2013.01 - KR); **H04W 88/14** (2013.01 - EP); **H04W 92/24** (2013.01 - EP US)

Citation (search report)

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- [XY] ANONYMOUS: "3rd Generation Partnership Project; Technical Specification Group Services and System Aspects; System Architecture for the 5G System; Stage 2 (Release 16)", 3GPP STANDARD; TECHNICAL SPECIFICATION; 3GPP TS 23.501, 3RD GENERATION PARTNERSHIP PROJECT (3GPP), MOBILE COMPETENCE CENTRE ; 650, ROUTE DES LUCIOLES ; F-06921 SOPHIA-ANTIPOLIS CEDEX ; FRANCE, vol. SA WG2, no. V16.1.0, 11 June 2019 (2019-06-11), pages 1 - 368, XP051753956
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Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

US 11528756 B2 20221213; **US 2021068172 A1 20210304**; EP 4018778 A1 20220629; EP 4018778 A4 20220914; KR 102346648 B1 20220103; KR 20210024906 A 20210308; US 2023094746 A1 20230330; WO 2021040368 A1 20210304

DOCDB simple family (application)

US 202017002745 A 20200825; EP 20858912 A 20200825; KR 20190104688 A 20190826; KR 2020011294 W 20200825; US 202218058407 A 20221123